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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

69603

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

69603

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
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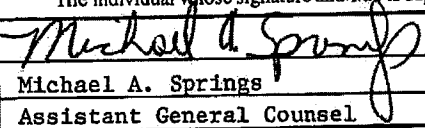
Assignee Name and Address:

Bank of America Corporation
101 South Tryon Street
Charlotte, NC 28255

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	6/7/07
Name	Michael A. Springs	Telephone	704-388-6952
Title	Assistant General Counsel		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



DC 0406

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 12, 2005

PTAS



102791825A

KIRKPATRICK & LOCKHART LLP
STEPHEN C. GLAZIER
1800 MASSACHUSETTS AVENUE, NW
SUITE 200
WASHINGTON, DC 20036

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/13/2004

REEL/FRAME: 015556/0313

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RONCA, JAMES G.

DOC DATE: 05/18/2004

ASSIGNOR:

FREW, DAVID T.

DOC DATE: 05/17/2004

ASSIGNEE:

BANK OF AMERICA CORPORATION
101 SOUTH TRYON STREET
LEGAL DEPARTMENT NC1-002-29-01
CHARLOTTE, NORTH CAROLINA 28255

SERIAL NUMBER: 10827203

FILING DATE: 04/19/2004

PATENT NUMBER:

ISSUE DATE:

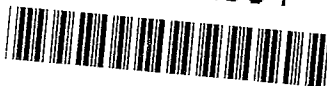
TITLE: IMAGE AND DATA PROCESSING SYSTEM

SENT TO P1 DOCKETING
1-28-05
SMB

015556/0313 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-15-2004



102791825

To the Director of the U.S. Patents and

uments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

James G. Ronca / May 18, 2004
David T. Frew / May 17, 2004

2. Name and address of receiving party(ies)

Name: Bank of America Corporation

Internal Address: Legal Department

NC1-002-29-01

Street Address: 101 South Tryon Street

City: Charlotte

State: North Carolina

Country: USA

Zip: 28255

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date(s) _____

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

10/827,203

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Stephen C. Glazier

Firm: Kirkpatrick & Lockhart LLP

1800 Massachusetts Ave., N.W., Suite 200

Washington, DC 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41)

\$ 80.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-1721

Authorized User Name _____

9. Signature :

Signature
Stephen C. Glazier Reg. No. 37,361

Name of Person Signing

12 July 04
Date

Total number of pages including cover sheet, attachments, and documents

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07/15/2004 DBYRNE 0000342500
Name/Number: 10827203 \$40.00 CR
Repl'n, Ref: 501721
FC: 9204


ASSIGNMENT

WHEREAS, I, James G. Ronca ("Assignor"), a citizen of the United States of America, residing in Decatur, Georgia, have invented certain new and useful inventions entitled "IMAGE AND DATA PROCESSING SYSTEM" for which an application for Letters Patent of the United States was filed on April 19, 2004; and

WHEREAS, BANK OF AMERICA CORPORATION, ("Assignee"), a corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto.

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by the said Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.


IN WITNESS WHEREOF, I have hereunto set my hand and seal this 18 day of May, 2004.


James G. Ronca

STATE OF :

COUNTY OF: Dekalb : SS

On this 18 day of May, 2004, before me personally appeared James G. Ronca to me known to be the person whose name is subscribed in the foregoing instrument, and who acknowledged that he executed said instrument as his free and voluntary act and for the purposes therein expressed.


Notary Public

My Commission Expires:

31 May 2004


ASSIGNMENT

WHEREAS, I, David T. Frew ("Assignor"), a citizen of the United States of America, residing in Fort Mill, South Carolina, have invented certain new and useful inventions entitled "IMAGE AND DATA PROCESSING SYSTEM" for which an application for Letters Patent of the United States was filed on April 19, 2004; and

WHEREAS, BANK OF AMERICA CORPORATION, ("Assignee"), a corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto.

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by the said Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

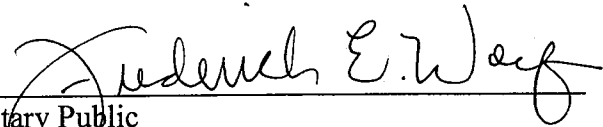
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17 day of May, 2004.



David T. Frew

STATE OF : NC
COUNTY OF: Mecklenburg : SS

On this 17 day of May, 2004, before me personally appeared David T. Frew to me known to be the person whose name is subscribed in the foregoing instrument, and who acknowledged that he executed said instrument as his free and voluntary act and for the purposes therein expressed.



Notary Public

My Commission Expires:

August 10, 2008.